

C<sup>3</sup>  
[87] Accordingly, the invention also relates to a process for mounting the studs according to which stud 12 (or 16 or 18) is positioned by its rod 45 in an adaptive opening in a wall of the cartridge 40 by means of a glass welding 4 after which a mold of protective material 60, such as a resin, is deposited around the head 46.

**IN THE CLAIMS:**

Please amend claims 28, 60 and 63 as follows. A copy of the marked-up original claims 28, 60 and 63 is attached to this Response showing the changes, as required by amended 37 C.F.R. §1.121.

28. (Amended) A data storage or recording device suitable for use in a severe environment, comprising a cartridge having a stud hermetically mounted on the cartridge and

a receptacle having a plug, wherein,

the cartridge is engageable in the receptacle,

the receptacle is suspended, and

when engaged, the cartridge and the receptacle are electrically connected by the cooperation of the plug and the stud, said plug and said stud being connected by point contact and without lateral contact.

60. (Amended) A data storage or recording device for a severe environment comprising a cartridge and a suspended receptacle, wherein the cartridge and receptacle are electrically connected by the cooperation of a plug mounted elastically on the receptacle and a stud hermetically mounted on the cartridge said plug and said stud

connected by point contact and without lateral contact, wherein the connection between cartridge and the receptacle is made by a plurality of pairs of plugs and;

Pub. 13  
said plugs extending through the wall of the receptacle and presenting a protuberant portion having rounded shape;

said plugs being mounted by a shock absorption and return means;

C  
said studs protruding through the wall of the cartridge and presenting a slightly protuberant part;

said cartridge and said receptacle further comprising engagement means capable of positioning said plugs and said studs opposite each other so as to make an effective electrical contact and to ensure the mechanical hold of the cartridge in the receptacle; and

said plugs and said studs geometrically adapted to cooperate and create an effective electrical contact when the receptacle and cartridge are engaged with one another.

Pub. 24  
63. (Amended) A process for hermetically connecting a data recording and storage cartridge and a receptacle for use in a severe environment, comprising

point contacting, without lateral contacting, a plug mounted elastically on the receptacle with a stud hermetically mounted on the cartridge to form an electrical connection between said stud and said plug.